Rook X Pole Mount

amerlux

PROJECT:	TYPE:

Features

The Rook X Pole Mount family takes adjustable lighting to next level. Allowing multiple Rook X Adjustable accents to be pole mounted creates flexibility in putting light just where needed in any outdoor environment. Several standard mounting configurations from 1 to 4 fixtures are available with both versions of the Rook X adjustable fixtures. Various optical accessories, beam shaping films or a hexcell louver can configured at the time of order and can changed in the field if needed.

Product Overview

Type:	Exterior Pole Mounted System for Adjustable Accents
Wattage:	12W
Color Temp:	2700K, 3000K, 3500K, 4000K
CRI:	83 typ. or 90+ typ.
Dimming:	Integrated driver with 3 dimming protocols is standard *(TRIAC & ELV or 0-10V)*, 120-277V
Operating Temp:	-40°C to +40°C
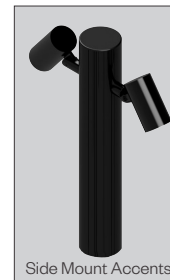
Side Mount Accents

Rear Mount Accents

Optional Collar Mount

Certifications

Fixture Summary

Application:
Pole mounted exterior accent lighting for landscape, patio, hardscape, building facade or signage.

Luminaire Construction:
• Machined aluminum housing and die-cast knuckle assembly
• IP66 sealed optical chamber and integral driver chamber
• Flush lens prevents puddles/water deposits in upward facing applications
• 180°+ adjustability in the knuckle
• Infinitely adjustable within the vertical aiming range using tapered locking mechanism.

Optics:
• 17°, 22°, 28°, 45°, 60°, 60x20, 90x60 90x60 beam spreads are available with secondary shaping lens

Electrical:
• Integral tri-dim driver
• Input voltage 120V-277V auto-sensing
• Drive current 300mA
• Power consumption 12W

Luminaire Mounting:
• Fixture threads onto fixed pole couplings with supplied 1/2" threaded stainless steel nipple. Coupling and fixture include set screw to lock horizontal rotation in place.

Optical Accessories:
• Hexcell Louver
Requires AL *(Accessory mount lens):*
• Full Glare Shield
• Half Glare Shield
• Visor Shield

Finish:
• Premium quality thermoset polyester powdercoat for a durable finish.

ETL listed, suitable for wet locations.

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Rook X Pole Mount

PROJECT:	TYPE:

Ordering Information - Pole Mount

_____ . _____ . _____ . _____

1 **2** **3** **4**

1	Model	2	Fixture Qty & Orientation	3	Finish	4	Options
	RKX-PT post top column *(tenon mount)* to pole		**IFO** 1 @ 0°		<u>Standard Colors</u>		**GFCI-TOP-12** ground fault circuit protected outlet, placed 12" from the top of pole
	RKX-PI-8 8' pole with integral mounting couplers		**2F90*** 2 @ 90°		**ABZ** architectural bronze		
	RKX-PI-10 10' pole with integral mounting couplers		**2F180** 2 @ 180°		**BLK** smooth satin black		
	RKX-PI-12 12' pole with integral mounting couplers		**3F90*** 3 @ 90°		<u>Premium Colors</u>		
	RKX-CM4 clamp mount for 4" OD poles		**3F120*** 3 @ 120°		**SDS** stardust silver		
	RKX-CM5 clamp mount for 5" OD poles		**4F90*** 4 @ 90°		**TBK** textured black		
			* Not available for use with RKX-CMx models.		**WHT** white		
					RAL or custom colors available, consult factory		

Ordering Information - Anchor Bolt *(for RKX-PI-xx models only)*

RKX-PI-555-0004

1

1	Model
	RKX-PI-555-0004 1/2" x 18" anchor bolt

Ordering Information - Luminaire

Note: Luminaires are ordered individually and can be configured differently on the same pole, if desired. Ensure that the total number of fixtures ordered equals the number of fixture locations specified on the pole.

_____ . _____ . _____ . _____ . _____ . _____

1 **2** **3** **4** **5** **6**

1	Model	2	Lens Type	3	Beam Spread	4	Color Temp	
	RKX-AS side mount knuckle		**F** flush lens		**SP** spot, 15°		<u>83 CRI</u>	<u>90+ CRI</u>
	RKX-AR rear mount knuckle		**A** accessory mount lens		**NF** narrow flood, 22°		**27** 2700K-83	**279** 2700K-90+
					MFL medium flood, 25°		**30** 3000K-83	**309** 3000K-90+
					FL flood, 28°		**35** 3500K-83	**359** 3500K-90+
					WF wide flood, 45°		**40** 4000K-83	**409** 4000K-90+
					VWF very wide flood, 60°			
					LS6020 linear spread, 60°x20°			
					LS9060 linear spread, 90°x60°			

5	Finish	6	Optical Accessories
	<u>Standard Colors</u>		**HEX** hexcell louver
	ABZ architectural bronze		<u>Requires Accessory mount lens *(A)*:</u>
	BLK smooth satin black		**FGS** full glare shield
	<u>Premium Colors</u>		**HGS** half glare shield
	SDS stardust silver		**VS** visor shield
	TBK textured black		
	WHT white		
	RAL or custom colors available, consult factory		

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PROJECT: **TYPE:**

Product Details - Pole Mount Types

6"

18"

4"

Slip fits over
3.5" O.D. x 6" Tenon.

RKX-PT

8'
180°

270° — 90° 8'

0°

(4) 1/2" Galvanized Steel L-Type Anchor Bolts
(8) 1/2" Galvanized Steel Hex Nuts
(8) 1/2" Galvanized Steel Flat Washers
(8) 3/4" Galvanized Steel Flat Washers

Anchor bolt cover is
included on all models.

Detail A

All models include a removable
top cap for wiring access.

Standard fixture mounting location
is 6" from the top, for all heights.
Custom height & mounting positions
available, consult factory.

All poles include
a wiring access
door *(2"x4")*.
(See detail A)

8'

4"

RKX-PI-8

10'

18'

4"

RKX-PI-10

12'

4"

RKX-PI-12

Product Details - Fixture Qty and Orientation

1F0
1 @ 0°

2F90*
2 @ 90°

2F180
2 @ 180°

3F90*
3 @ 90°
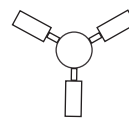
3F120*
3 @ 120°
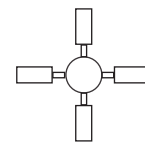
4F90*
4 @ 90°

* Not available for use with RKX-CMx models

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Rook X Pole Mount

PROJECT: **TYPE:**

Product Details - Luminaire Types

Side Knuckle Mount *(RKX-AS)*

RKX-AS *(side mount knuckle)*

Rear Knuckle Mount *(RKX-AR)*

RKX-AR *(rear mount knuckle)*
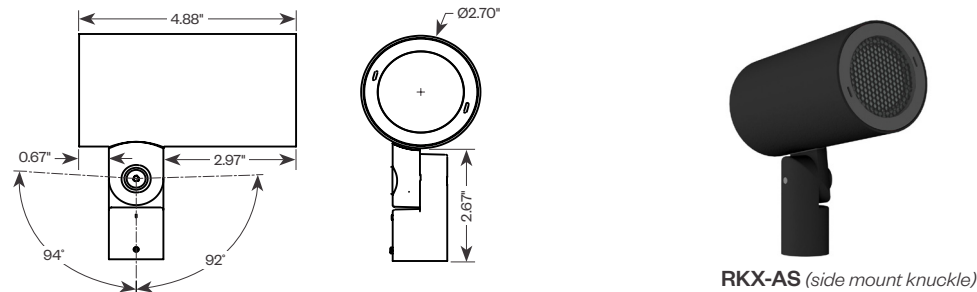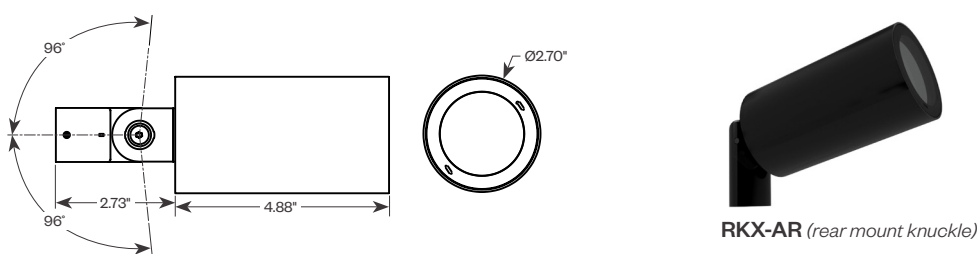
Lens Type

Flush Lens *(F)*

Accessory Mount Lens *(A)*

Ordering Information for Additional or Replacement Optical Films

Luminaire Optics			Secondary Optic Information *(Films)*	
Optic	**Nominal Distribution**	**Description**	**Part # for Secondary Optics**	**Description**
SP	17°	Spot	NA	Standard Optic
NF	22°	Narrow Flood	665-0050-1	10° Optical Film
MfL	25°	Medium Flood	665-047-7	15° Optical Film
FL	28°	Flood	665-0051-1	20° Optical Film
WF	45°	Wide Flood	665-0052-1	30° Optical Film
VWF	60°	Very Wide Flood	665-0054-1	60° Optical Film
LS60x20	60°x20°	Asymmetric	665-0062-01	60°x20° Optical Film
LS90x60	90°x60°	Asymmetric	665-0063-04	90°x60° Optical Film
Multiple	Multiple	Kit with all options	301-14781	All above included
All	NA	Film Mounting Ring	607-0386	Mounting Ring for Film

Part #'s above are used to order additional or replacement films. When specifying the original configuration the optic is already included.
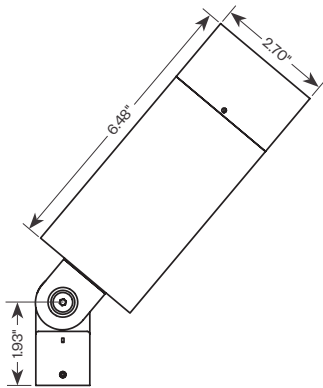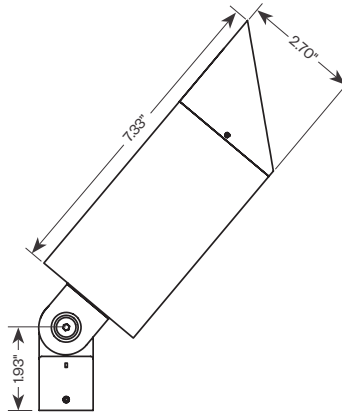
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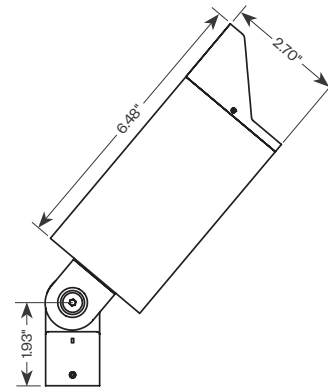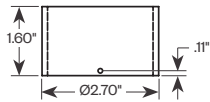| PROJECT:	TYPE:

Optical Accessories

RKX-AR shown with FGS

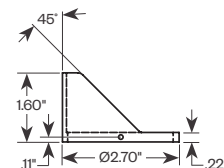**RKX-AR shown with HGS**

RKX-AR shown with VS

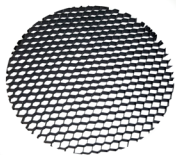**Full Glare Shield** *(FGS)**
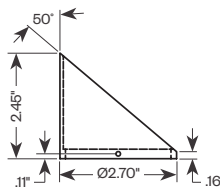
Half Glare Shield *(HGS)**

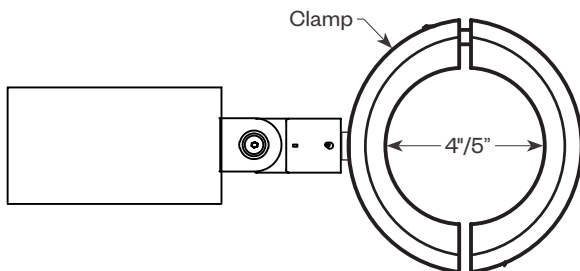

Visor Shield *(VS)**

* Requires Accessory mount lens *(A)* option.

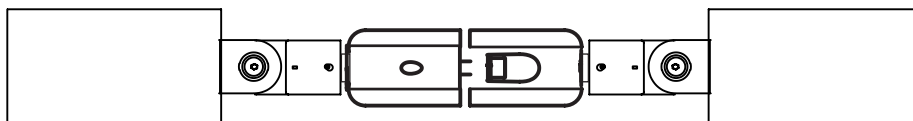**Hexcell Louver** *(HEX)*
(Available for either lens option)

Clamp Mount Options *(available for single or dual fixture options)*

Clamp

4"/5"

For 4" OD poles, specify RKX-CM4
For 5" OD poles, specify RKX-CM5

Options

GFCI-TOP
Covered ground fault circuit protected duplex outlet. Can be placed 12" from top of pole. 6" below the fixtures at 0° to the handhole. Wet while in use rated.

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Rook X Pole Mount

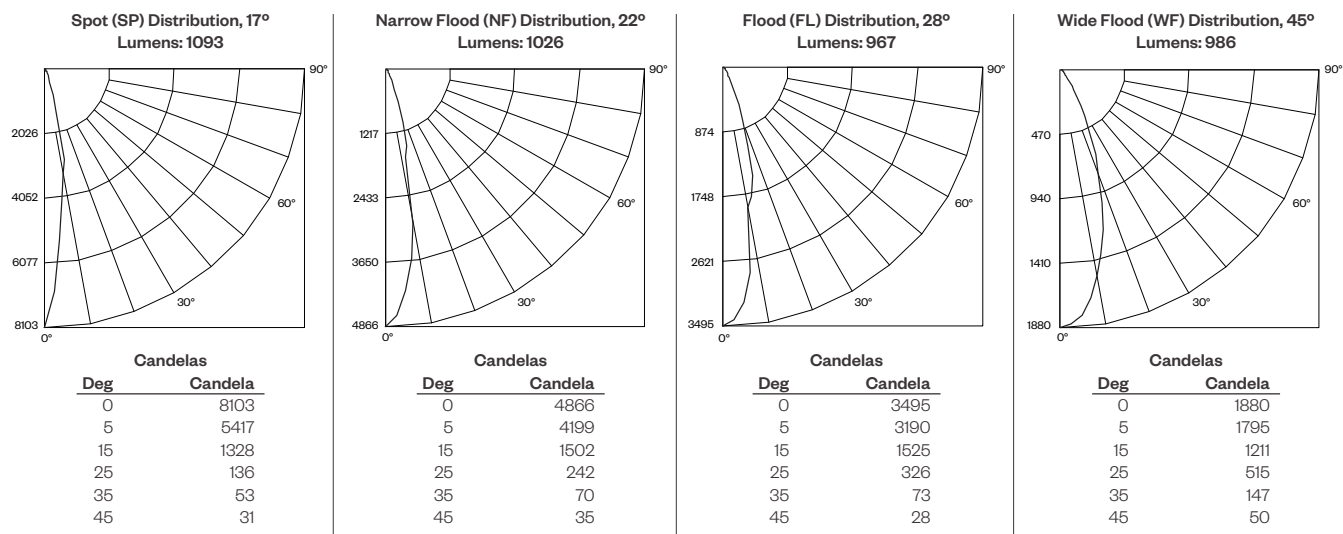amerlux

PROJECT:		TYPE:	

Performance Data

Multiplying Factors: *(Multiplying Factor is based on 3000K-83 120V IES file on website)*

CCT:	2700K-83	3000K-83	3500K-83	4000K-83	2700K-90+	3000K-90+	3500K-90+	4000K-90+
Factor:	0.96	1.0	1.02	1.04	0.80	0.83	0.87	0.90

Flush Lens

Spot (SP) Distribution, 17°
Lumens: 1093

Candelas

Deg	Candela
0	8103
5	5417
15	1328
25	136
35	53
45	31

Narrow Flood (NF) Distribution, 22°
Lumens: 1026

Candelas

Deg	Candela
0	4866
5	4199
15	1502
25	242
35	70
45	35

Flood (FL) Distribution, 28°
Lumens: 967

Candelas

Deg	Candela
0	3495
5	3190
15	1525
25	326
35	73
45	28

Wide Flood (WF) Distribution, 45°
Lumens: 986

Candelas

Deg	Candela
0	1880
5	1795
15	1211
25	515
35	147
45	50

Beam Spread	SP	NF	MFL	FL	WF	VWF	LS9060	LS6020
Description	Spot	Narrow Flood	Medium Flood	Flood	Wide Flood	Very Wide Flood	Asymmetric Linear Spread	Asymmetric Linear Spread
Nominal Degree	15	22	25	28	45	60	90x60	60x20
Lumens	1093	1026	972	967	986	944	907	779

Data shown for 3000K, 80 CRI. For other CCT and CRI options see pg 6.

Performance Data with Optional Shielding

Beam Spread	Accessory	Lumens	Note:
FL	w/o Shielding	962	Performance with shields varies greatly based on beam type. Consult factory for IES files with other beam types.
FL	w/FGS	868	
FL	w/HGS	896	
FL	w/VS	931	

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![amerlux logo]

PROJECT:	TYPE:

Dimming Compatibility

Amerlux® Rook® fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration *(Dimmer, Fixture Quantity, Voltage, etc)* may affect dimming performance.

--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---

TRIAC (Forward Phase) DIMMING (Standard) or ELV - Electronic Low Voltage (Reverse Phase) DIMMING (Standard)

Notes:
- TRIAC/ELV dimming at 120V only (dimming to 1%)
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

TRIAC or ELV Wiring Diagram
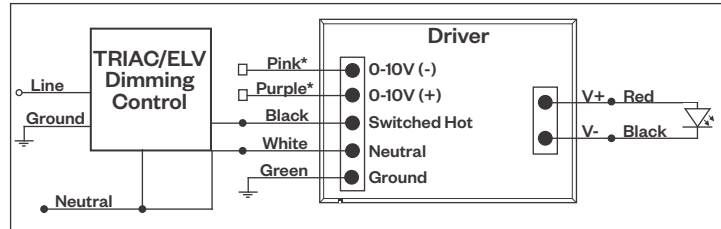
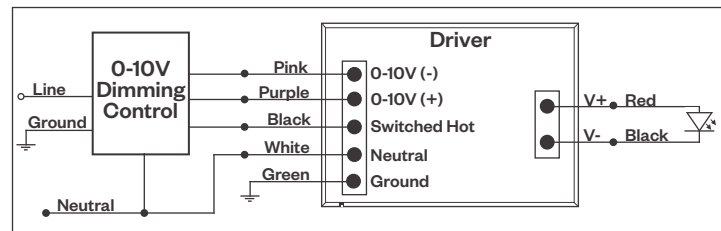* Pink & Purple wires are not used for TRIAC/ELV dimmer.

0-10V - DIMMING (-0-10V Option)
Integrates into a variety of building management and daylighting controls

Notes:
- 0-10V diming at 120V or 277V* (dimming to 2%)
- Requires interface to turn off power to driver
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!

0-10V Wiring Diagram

Notes:

* Driver is 277VAC dimmable with appropriate dimmer *(by others)*. All provided wiring diagrams show 120VAC wiring colors and method. Please refer to 277VAC dimmer installation instructions for 277VAC wiring diagrams.

† The absence of a dimmer from the lists above does not imply incompatibility. Please consult factory for compatibility inquiries.

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